

Alpha Stigma

by Jordan Wilkins

Gemology Online Faceting Design Competition 2013

Minimalist Entry 3

Angles for R.I. = 1.540

31 + 5 girdles = 36 facets

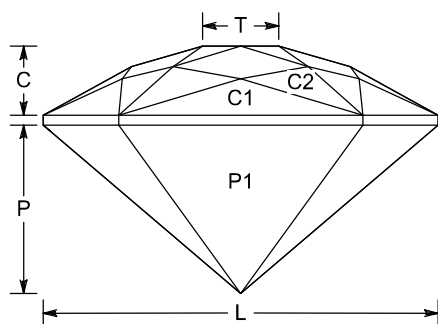
5-fold, mirror-image symmetry

120 index

$L/W = 1.051$ $T/W = 0.202$ $U/W = 0.193$

$P/W = 0.447$ $C/W = 0.183$

$Vol./W^3 = 0.196$



PAVILION

P1	45.00°	120-024-048-072-096	Cut to centerpoint.
G1	90.00°	120-024-048-072-096	Set stone size.

CROWN

C1	40.00°	120-024-048-072-096	Set girdle width.
C2	30.44°	003-021-027-045-051-069-075-093-099-117	Meet G1, C1
C3	21.00°	120-024-048-072-096	Meet C1, C2
C4	13.84°	012-036-060-084-108	Meet C2, C3
T	0.00°	Table	Meet C3, C4

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